

adding calcium hydroxide to waste water containing a high  
5 concentration of calcium in a form of calcium bicarbonate[,  
making the waste water react with calcium hydroxide,]; and  
removing the calcium by fixing it to calcium carbonate.

2. (Amended) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to claim 1, [characterized in that a] in which the  
quantity of calcium hydroxide to be added ranges in 75 [-] to  
5 125% of the equivalent weight to calcium.

3. (Amended) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to claim 1, [characterized in that a] in which the  
quantity of calcium hydroxide to be added ranges in 90 [-] to  
5 110% of the equivalent weight to calcium.

4. (Amended) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to [any of claims 1 to 3, characterized in that said  
waste water is waste water defluorinated] claim 1, further  
5 comprising the step of defluorination by adding calcium carbonate  
to primary waste water containing HF.

5. (Amended) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to [any of claims 1 to 4, characterized in that] claim

1, in which the water contains said calcium bicarbonate of 200ppm  
or more.

6. (Amended) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to [any of claims 1 to 5, characterized in that a]  
claim 1 in which said adding step comprises that the calcium  
hydroxide [is to be] added [so that] causes the pH of the waste  
water to range [ranges] from 8.5 to 10.5.

Please add the following new claims:

7. (New) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to claim 2, further comprising the step of  
defluorination by adding calcium carbonate to primary waste water  
containing HF.

8. (New) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to claim 3, further comprising the step of  
defluorination by adding calcium carbonate to primary waste water  
containing HF.

9. (New) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to claim 2, in which the water contains said calcium  
bicarbonate of 200ppm or more.

10. (New) A method for removing calcium from water containing a high concentration of calcium bicarbonate claimed according to claim 3, in which the water contains said calcium bicarbonate of 200ppm or more.

11. (New) A method for removing calcium from water containing a high concentration of calcium bicarbonate claimed according to claim 4, in which the water contains said calcium bicarbonate of 200ppm or more.

12. (New) A method for removing calcium from water containing a high concentration of calcium bicarbonate claimed according to claim 7, in which the water contains said calcium bicarbonate of 200ppm or more.

13. (New) A method for removing calcium from water containing a high concentration of calcium bicarbonate claimed according to claim 8, in which the water contains said calcium bicarbonate of 200ppm or more.

14. (New) A method for removing calcium from water containing a high concentration of calcium bicarbonate claimed according to claim 2 in which said adding step comprises that the calcium hydroxide added causes the pH of the waste water to range from 8.5 to 10.5.

15. (New) A method for removing calcium from water containing a high concentration of calcium bicarbonate claimed according to claim 3 in which said adding step comprises that the

calcium hydroxide added causes the pH of the waste water to range  
5 from 8.5 to 10.5.

16. (New) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to claim 4 in which said adding step comprises that the  
calcium hydroxide added causes the pH of the waste water to range  
5 from 8.5 to 10.5.

17. (New) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to claim 5 in which said adding step comprises that the  
calcium hydroxide added causes the pH of the waste water to range  
5 from 8.5 to 10.5.

18. (New) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to claim 8 in which said adding step comprises that the  
calcium hydroxide added causes the pH of the waste water to range  
5 from 8.5 to 10.5.

19. (New) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed  
according to claim 11 in which said adding step comprises that  
the calcium hydroxide added causes the pH of the waste water to  
5 range from 8.5 to 10.5.

20. (New) A method for removing calcium from water  
containing a high concentration of calcium bicarbonate claimed